LISTING OF CLAIMS

Claims 1-4 (CANCELED)

5. (NEW) A process for the synthesis of perindopril of formula (I):

and pharmaceutically acceptable salts thereof, wherein a compound of formula (II):

$$CH_3$$
 CH_3
 EtO_2C
 (S) NH
 (S) CO_2H
 (II)

5

is reacted with a compound of formula (III):

$$CI \longrightarrow S \longrightarrow R_1$$
 (III),

10 v

wherein R_1 represents imidazolyl, benzimidazolyl or tetrazolyl, to yield a compound of formula (IV):

which is reacted with a compound of formula (V):

$$CO_2R_2$$
 (V),

wherein R₂ represents hydrogen, benzyl or linear or branched (C₁-C₆)alkyl, or an addition salt thereof with a mineral or organic acid, to yield, after isolation, a compound of formula (VI):

$$N$$
 CO_2R_2
 O
 CH_3
 O
 CO_2Et

which is hydrogenated in the presence of a catalyst,

- under a hydrogen pressure of from 1 to 30 bars, to yield, after deprotection of the acid function where necessary, perindopril of formula (I), which is converted, if desired, into a pharmaceutically acceptable salt.
 - 6. (NEW) The process of Claim 5, wherein the hydrogen pressure in the hydrogenation reaction is from 1 to 10 bars.

- 7. (NEW) The process of Claim 5, wherein the catalyst is selected from palladium, platinum, rhodium and nickel.
- 8. (NEW) The process of Claim 5 for the synthesis of perindopril in the form of its tertbutylamine salt.